

SEQUENCE LISTING

<110> Meise, Martin
Eulenberg, Karsten
Molitor, Andreas
Steuernagel, Arnd
Nguyen, Tri
Katterle, Yvonne

<120> Proteins Involved in the Regulation of Energy Homeostasis

<130> 2923-707

<150> EP 02 028 275.2

<151> 2002-12-16

<150> EP 02 028 609.2

<151> 2002-12-20

<150> EP 02 029 081.3

<151> 2002-12-30

<150> PCT/EP03/014344

<151> 2003-12-16

<160> 27

<170> PatentIn version 3.3

<210> 1

<211> 22

<212> DNA

<213> Mus musculus

<400> 1

tggaagcaag gaagctgaga ac

22

<210> 2

<211> 19

<212> DNA

<213> Mus musculus

<400> 2

gctcggaagc acatggaca

19

<210> 3

<211> 28

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)..(1)
 <223> labeled with Taqman reporter dye FAM

 <220>
 <221> misc_feature
 <222> (28)..(28)
 <223> labeled with Taqman quencher dye TAMRA

 <400> 3
 tgctgcatga tctccacaat ctgtacca 28

 <210> 4
 <211> 23
 <212> DNA
 <213> Mus musculus

 <400> 4
 atggccaaag actatgacag gtc 23

 <210> 5
 <211> 23
 <212> DNA
 <213> Mus musculus

 <400> 5
 tgccccgtat tataaccaca ctg 23

 <210> 6
 <211> 22
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)..(1)
 <223> labeled with Taqman reporter dye FAM

 <220>
 <221> misc_feature
 <222> (22)..(22)
 <223> labeled with Taqman quencher dye TAMRA

 <400> 6
 tcccagcacg tccgggacaa ct 22

 <210> 7
 <211> 27
 <212> DNA
 <213> Mus musculus

| | |
|--|----|
| <400> 7 | |
| cagtggtcga gtatacaaca ttgaatt | 27 |
| | |
| <210> 8 | |
| <211> 21 | |
| <212> DNA | |
| <213> Mus musculus | |
| | |
| <400> 8 | |
| gctgaatcag aggttctccg g | 21 |
| | |
| <210> 9 | |
| <211> 26 | |
| <212> DNA | |
| <213> Mus musculus | |
| | |
| <220> | |
| <221> misc_feature | |
| <222> (1)..(1) | |
| <223> labeled with Taqman reporter dye FAM | |
| | |
| <220> | |
| <221> misc_feature | |
| <222> (26)..(26) | |
| <223> labeled with Taqman quencher dye TAMRA | |
| | |
| <400> 9 | |
| ccaagactgt gggcattgat gacctg | 26 |
| | |
| <210> 10 | |
| <211> 17 | |
| <212> DNA | |
| <213> Mus musculus | |
| | |
| <400> 10 | |
| cgcccagaac tttggcc | 17 |
| | |
| <210> 11 | |
| <211> 19 | |
| <212> DNA | |
| <213> Mus musculus | |
| | |
| <400> 11 | |
| cggtcttgag gttctcccg | 19 |
| | |
| <210> 12 | |
| <211> 23 | |
| <212> DNA | |
| <213> Mus musculus | |

```

<220>
<221> misc_feature
<222> (1)..(1)
<223> labeled with Taqman reporter dye FAM

<220>
<221> misc_feature
<222> (23)..(23)
<223> labeled with Taqman quencher dye TAMRA

<400> 12
ccagcatctc tccagcggcc act 23

<210> 13
<211> 20
<212> DNA
<213> Mus musculus

<400> 13
tggctgcatt tgctgtgtct 20

<210> 14
<211> 18
<212> DNA
<213> Mus musculus

<400> 14
cggggttgaag ggctttcc 18

<210> 15
<211> 21
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)..(1)
<223> labeled with Taqman reporter dye FAM

<220>
<221> misc_feature
<222> (21)..(21)
<223> labeled with Taqman quencher dye TAMRA

<400> 15
cgcctctcag tgggagcgca c 21

<210> 16

```

| | | |
|-------|--|----|
| <211> | 24 | |
| <212> | DNA | |
| <213> | Mus musculus | |
| <400> | 16 | |
| | catgtgtacc tcattcaca agcc | 24 |
| <210> | 17 | |
| <211> | 19 | |
| <212> | DNA | |
| <213> | Mus musculus | |
| <400> | 17 | |
| | ggcagcgaca gactgcatt | 19 |
| <210> | 18 | |
| <211> | 23 | |
| <212> | DNA | |
| <213> | Mus musculus | |
| <220> | | |
| <221> | misc_feature | |
| <222> | (1)..(1) | |
| <223> | labeled with Taqman reporter dye FAM | |
| <220> | | |
| <221> | misc_feature | |
| <222> | (23)..(23) | |
| <223> | labeled with Taqman quencher dye TAMRA | |
| <400> | 18 | |
| | caagtcagtc ccagccgctg gag | 23 |
| <210> | 19 | |
| <211> | 21 | |
| <212> | DNA | |
| <213> | Mus musculus | |
| <400> | 19 | |
| | cggctcagcg tcataatgaa g | 21 |
| <210> | 20 | |
| <211> | 18 | |
| <212> | DNA | |
| <213> | Mus musculus | |
| <400> | 20 | |
| | aggccaggta ggcgggta | 18 |

<210> 21
 <211> 23
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> labeled with Taqman reporter dye FAM

<220>
 <221> misc_feature
 <222> (23)..(23)
 <223> labeled with Taqman quencher dye TAMRA

<400> 21
 ctgaatgggtc tacgccaggg ccc 23

<210> 22
 <211> 18
 <212> DNA
 <213> Mus musculus

<400> 22
 actgtgatgc caacggca 18

<210> 23
 <211> 22
 <212> DNA
 <213> Mus musculus

<400> 23
 ctgtgcgggtc actcttcaga ac 22

<210> 24
 <211> 30
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> labeled with Taqman reporter dye FAM

<220>
 <221> misc_feature
 <222> (30)..(30)
 <223> labeled with Taqman quencher dye TAMRA

<400> 24

| | |
|--|----|
| tcccaagaac gctgatatct ctagcatcga | 30 |
| | |
| <210> 25 | |
| <211> 25 | |
| <212> DNA | |
| <213> Homo sapiens | |
| | |
| <400> 25 | |
| ggtcacttgc aaaatgacac attag | 25 |
| | |
| <210> 26 | |
| <211> 18 | |
| <212> DNA | |
| <213> Homo sapiens | |
| | |
| <400> 26 | |
| ggtcgcagct gttcctgg | 18 |
| | |
| <210> 27 | |
| <211> 28 | |
| <212> DNA | |
| <213> Homo sapiens | |
| | |
| <220> | |
| <221> misc_feature | |
| <222> (1)..(1) | |
| <223> labeled with Taqman reporter dye FAM | |
| | |
| <220> | |
| <221> misc_feature | |
| <222> (28)..(28) | |
| <223> labeled with Taqman quencher dye TAMRA | |
| | |
| <400> 27 | |
| agaacatcat gaacagacag ccttgcca | 28 |